



SAERTEX®



SAERcore® RC

FOR A REDUCED CO₂ FOOTPRINT

SAERcore® consists of one or two layers of chopped strand mats (CSM) and an engineered flow media. It provides an optimized resin flow zone, allowing the resin to run a long distance in few minutes. This allows you to optimize your cycle time in production!

The innovation of **SAERcore® RC**: With its 100% Recycled Core material, SAERcore RC combines improved product properties with a clear step towards greater sustainability. A closed mold reinforcement – made in France.

1 100% Recycled core material

Core made of recycled synthetic material. A resource-saving approach without compromising process stability or performance.

2 Up to 50% faster resin flow

Maximum flow efficiency. Optimized flow properties significantly reduce injection time and enable earlier demolding. Multiple resin systems, including bio-based or filled resins can be processed reliably. Compatible with a broad range of processes like RTM, RTM Light and vacuum infusion processes, with or without membranes.

3 Very good drapability

High drapability reduces lay-up time and enables reliable processing of complex mold geometries while keeping perfect flow. Low friction enables smooth mold closing.

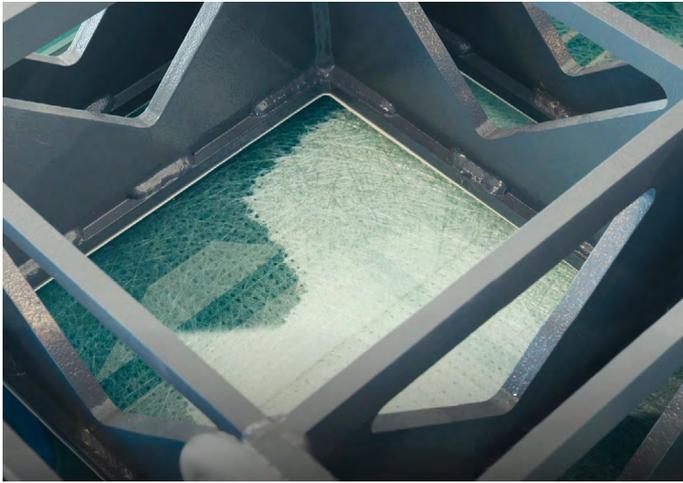
4 High surface quality for demanding applications

Suitable for high surface quality requirements. Additional veils can be added for high cosmetic parts.

5 Can be combined with other SAERTEX® solutions

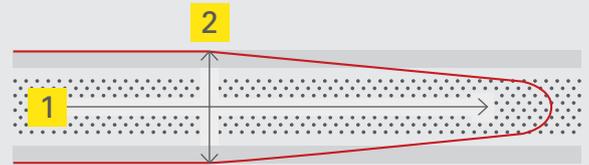
Reinforced: **SAERcore® MAX** allows for all-in-one mold setting in a single operation with improved mechanical properties thanks to addition of multiaxial fabrics.

Self-adhesive: **SAERcore® RC** and **SAERcore MAX** can be used in conjunction with **SAERfix®** to reduce draping times even further and to avoid the use of spray adhesives.



HOW IT WORKS

- 1 First the resin flows into the core materials (the resin flow zone) – horizontal injection
- 2 Later, the resin impregnates the outer reinforcements – vertical injection

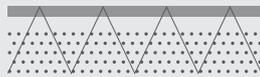


CAN BE INDIVIDUALLY DESIGNED AND COMBINED

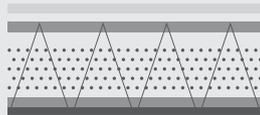
Examples:

SAERcore® RC

CSM + core

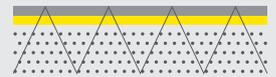


SAERfix® + CSM + core
+ CSM + fleece

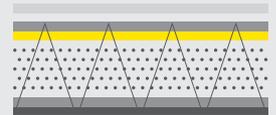


SAERcore® MAX

CSM + MAX fabric + core



SAERfix® + CSM + MAX fabric
+ core + CSM + fleece



TECHNICAL DATA

SAERcore®

SAERcore® RC

Process

RTM, RTM Light

RTM, RTM Light,
Vacuum Infusion

CSM per layer [g/m²]

150 – 1.000

150 – 1.000

Flow medium*

PP10, PP13, PP18, PP20, PP25

RC18, RC25

Multiaxial fabrics (UD, BX, BD, TX, QX)

Also available as
SAERcore MAX

Also available as
SAERcore MAX

Standard widths

1.250 mm, 2.500 mm

1.250 mm, 2.500 mm

Individual tapes

150 – 3.200 mm

150 – 3.000 mm

* PP = Polypropylene (PP13 = 130 g/m²), RC = Recycled Core



For more information about SAERcore RC,
please visit our website.

REINFORCING YOUR IDEAS